A Guide to Sales and Use Tax

2006











From the Commissioner

Dear Taxpayer:

A major part of our effort to provide a fair and efficient system of tax administration is our commitment to keep taxpayers informed of their responsibilities under the law. The Department of Revenue (DOR) works to fulfill this commitment by producing clear tax forms and instructions as well as informational guides to outline the Commonwealth's various taxes. **A Guide to Sales and Use Tax** is one in this series of publications we offer to help you understand and voluntarily comply with Massachusetts law.

Sales and use tax is one of several "trustee taxes" administered by DOR. Trustee taxes — which include sales and use, meals, withholding and room occupancy — are so-named because employees and customers are entrusting businesses to collect and to pay these taxes over to the Commonwealth. This guide provides answers to the most frequently asked questions about the sales and use tax. Additionally, lists of taxable and nontaxable items, a filing and payment schedule and sample forms are included for handy reference.

We hope you find this guide helpful in understanding your sales and use tax responsibilities. If you have further questions, please call our Customer Service Bureau at either our local or in-state, toll-free telephone number listed throughout the guide. We will be glad to give you any additional information that you may need.

Sincerely.

Alan LeBovidge Commissioner of Revenue

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This guide contains general information regarding the Massachusetts sales and use tax. It describes the tax, what types of transactions are taxable and what both a buyer and seller must do to comply with the law.

A Guide to Sales and Use Tax is designed to lead you through the basics of sales and use tax by answering many frequently asked questions. Sample forms will show you how to fill out your return. The guide also includes a general listing of those items that are exempt from the Massachusetts sales and use tax.



Customer Service Bureau 617-887-MDOR or Toll-free 1-800-392-6089 This guide is part of an ongoing series of publications that the Massachusetts Department of Revenue (DOR) has issued to inform the public of various aspects of Massachusetts taxes. Please feel free to call DOR if you have any further questions about the sales and use tax or any other aspects of the Commonwealth's tax system.

The Department is pleased to offer businesses access to a number of useful resources via its website at **www.mass.gov/dor**. The website contains information on various tax and employer obligations, and features online vendor registration, electronic filing and payment options, and new hire reporting programs.

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What is the sales tax?

The Massachusetts sales tax is 5 percent of the sales price or rental charge of tangible personal property or certain telecommunications services* sold or rented in the Commonwealth. (For a detailed definition of "sales price," please see M.G.L. Ch.64H sec.1.) The sales tax generally is paid to the vendor as an addition to the purchase price. The buyer pays the sales tax to the vendor at the time of purchase; the vendor then remits the tax to the Commonwealth. For motor vehicle and trailer sales, however, the sales tax is paid directly to the Commonwealth by the purchaser. For more detailed information on motor vehicle sales taxes, please call DOR's Customer Service Bureau at 617-887-MDOR or toll-free in Massachusetts at 1-800-392-6089.



What is the use tax?

The Massachusetts use tax is 5 percent of the sales price or rental charge on tangible personal property (including mail order items or items purchased over the Internet) or certain telecommunications services* on which no sales tax, or a sales tax rate less than the 5 percent Massachusetts rate, was paid and which is to be used, stored or consumed in the Commonwealth. The use tax, unlike the sales tax, generally is paid directly to the Commonwealth by the purchaser.

Example:

You purchase furniture for your Massachusetts business or residence from an out-of-state firm and pay no Massachusetts or other state sales tax. You are required to pay the 5 percent Massachusetts use tax. The use tax applies because the furniture was not subject to a sales tax in the other state and because it is for use in the Commonwealth.

Who is a sales/use tax vendor?

A sales/use tax vendor is a retailer or any other person who regularly sells, rents or leases tangible personal property or telecommunications services that are subject to the Massachusetts sales tax. A vendor is anyone who:

- Sells, rents or leases in Massachusetts generally;
- Purchases tangible personal property or telecommunications services for resale in Massachusetts;
- Acquires parts to manufacture goods for sale or resale in Massachusetts;
- Has a business location in Massachusetts:
- Has representatives soliciting orders for tangible personal property or telecommunications services within Massachusetts; or
- Sells to Massachusetts residents or businesses and delivers, repairs or installs goods or telecommunications services within the Commonwealth.

Please note: Tax-exempt organizations that sell tangible personal property or telecommunications services in the regular course of business are considered vendors and are required to collect sales/use tax.

What are the responsibilities of a sales/use tax vendor?

Massachusetts sales/use tax vendors are responsible for:

- Registering with DOR to collect sales/use tax;
- Collecting the 5 percent sales/use tax on taxable sales or rentals of tangible personal property or telecommunications services. Please note: The tax must be separately stated and separately charged on all invoices, bills, displays or contracts; and
- Remitting all sales/use taxes to DOR with the appropriate Massachusetts sales/use tax return on time. (For a complete listing of forms, please see "Commonly Requested Forms and Publications" on pages 35 through 37.)

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^{*}Telecommunications services include telephone and other transmissions of information (such as beeper services, cellular telephone services and telegram services). Cable television and Internet access are exempt from the sales tax. Generally, the tax on the sale or use of telecommunications services is a tax on the transmission of messages or information by various electronic means, but not on the sale or use of information itself. For a list of taxable telecommunications services, please see TIR 05-8, Taxation of Internet Access, Electronic Commerce and Telecommunications Services: Recent Federal Legislation. To obtain a copy, please visit DOR's website at www.mass.gov/dor, or call DOR's Rulings and Regulations Bureau at 617-626-3250.

Are out-of-state vendors' responsibilities the same as in-state vendors' responsibilities?

Yes. Out-of-state vendors who meet any of the vendor definitions listed on page 7 generally have the same responsibilities as Massachusetts vendors.

How does a vendor register to collect sales/use tax?

Vendors must register to collect Massachusetts sales/use tax online through DOR's **WebFile for Business** application, which is available on the DOR website at www.mass.gov/dor.

After registering with DOR, vendors will be issued a Sales and Use Tax Registration Certificate (Form ST-1) for each business location. Form ST-1 must be displayed in a conspicuous location on the business premises, so that it is easily visible to customers.

As a convenience to customers, those out-of-state retailers and mail order firms that are not required by law to register as Massachusetts vendors may register voluntarily to collect use tax.

Must a cigarette retailer be registered for sales tax?

Yes. A cigarette retailer must be registered for sales tax, as sales of cigarettes are subject to the sales tax. In addition, a cigarette retailer must have a Massachusetts cigarette retailer's license. The Application for Cigarette Retailer's License (Form CT-2E) is available on the DOR website at www.mass.gov/dor, or by calling the Excises Unit at 617-887-5090. A cigarette retailer also should check with its local Board of Health if a local tobacco sales permit is required.

Must an individual or business register to pay sales/use tax on occasional out-of-state purchases?

No. People who are not registered to collect sales/use tax in Massachusetts, and who make an occasional out-of-state purchase for business or personal use, do not need to register. They instead must pay their use taxes by filing either a Business Use Tax Return (Form ST-10) or an Individual Use Tax Return (Form ST-11). For their convenience, individuals may report and pay any Massachusetts use tax due on their personal income tax return, Massachusetts Resident Tax Return (Form 1) or Telefile

(or Form 1-NR/PY for part-year residents). Taxpayers have the option of using a schedule to self-report an estimated, or "safe harbor," amount of use tax based on their Massachusetts adjusted gross income. Purchases of items having a sales price of \$1,000 or more are excluded from the "safe harbor." For more information, please see TIR 04-26, Sales/Use Tax Changes Contained in Chapter 262 of the Acts of 2004, which is available on the DOR website at www.mass.gov/dor, or by calling DOR's Rulings and Regulations Bureau at 617-626-3250.

Generally, anyone who pays a sales or use tax (which is legally due without any right to a refund or credit) to another state on merchandise or telecommunications services to be used in the Commonwealth is entitled to a credit against the Massachusetts use tax — up to the 5 percent Massachusetts sales/use tax rate. This credit is granted for sales tax paid to another state only if that state has a reciprocal agreement with Massachusetts; each state gives credit to purchasers for sales tax paid to the other state. If a sales tax rate of less than 5 percent is paid to the other state, the Massachusetts use tax is the difference between the two states' sales tax rates. If a sales or use tax is paid to a state that does not have a reciprocal agreement with Massachusetts, then the sales/use tax credit does not apply.

Customer Service Bureau 617-887-MDOR or Toll-free 1-800-392-6089

Example:

Massachusetts has sales tax exemption agreements with most states. Some states, however, have only limited agreements with the Commonwealth. If you need more detailed information about a specific state, see TIR 03-1, Exemption from Massachusetts Use Tax for Taxes Paid Under Laws of Another State, or call DOR's Customer Service Bureau at 617-887-MDOR or toll-free in Massachusetts at 1-800-392-6089.

State X imposes a sales/use tax of 4 percent and has a reciprocal sales/use tax agreement with Massachusetts. You purchase a camera in State X for use in your Massachusetts business. You pay \$1400 plus \$56 tax for the camera. Since State X has a sales tax rate less than the 5 percent Massachusetts rate, you owe a use tax in Massachusetts of \$14 — \$70 (5 percent Massachusetts sales tax obligation) minus \$56 (4 percent State X sales tax payment).

8 Common Sales/Use Tax Questions

How is the sales/use tax paid on boats or motor vehicles?

The sales tax on boats and recreational vehicles purchased from a Massachusetts dealer is collected by the dealer at the time of sale. For casual sales, the sales/use tax is due prior to registration or by the twentieth day of the following month, whichever occurs earlier. The sales/use tax on boats and other recreational vehicles must be filed and paid electronically via DOR's online ST-6 application, available at www.mass.gov/dor. The confirmation page received after the tax has been filed and paid is required in order to register the boat or recreational vehicle.

The purchaser of a motor vehicle or trailer that is required to be registered or titled in Massachusetts must file Form RMV-1, Application for Title and Registration, and pay the sales/use tax in full with the Registry of Motor Vehicles within 10 days of the date of purchase, transfer or first use of the motor vehicle or trailer. The purchaser of a motor vehicle or trailer that is not required to be registered in Massachusetts, including motor vehicles and trailers that are purchased in Massachusetts by nonresidents who will register or title the motor vehicle or trailer outside of Massachusetts, must file Form ST-7R, Certificate of Payment of Sales or Use Tax, and pay the sales tax in full with DOR or the Registry of Motor Vehicles on or before the twentieth day of the month following the month of purchase, transfer or first use of the motor vehicle or trailer.

What types of sales are exempt from the sales/use tax?



A number of items are exempt from the sales/use tax Massachusetts law exempts a number of items from the sales/use tax. The following categories of sales or types of transactions generally are exempted from the sales/use tax. For information on the status of individual items, please refer to "What Specific Items Are Exempt from the Sales/Use Tax?" starting on page 16. If you have questions about whether certain items fit into these exempt categories, please call DOR's Customer Service Bureau at 617-887-MDOR or toll-free in Massachusetts at 1-800-392-6089.

Sales of food and clothing:

Sales of food for human consumption, other than meals sold by a restaurant, generally are tax-exempt. Sales of individual items of clothing costing \$175 or less also generally are exempt. (Sales tax is due only on the amount over \$175 per item.)

Sales of periodicals:

Periodicals such as newspapers and magazines generally are exempt. Newsletters, however, generally are not treated as newspapers and may be taxable.

Admission sales:

Sales of tickets to such activities as sporting and amusement events are exempt.

Sales of utilities and heating fuel to residential users, small businesses and certain industrial users:

Sales of gas, steam, electricity or heating fuel for residential purposes are exempt. Residential use includes use in any dwelling where people customarily reside on a long-term basis, whether or not the occupants of the dwelling are the purchasers of the fuel. Thus, residential use includes use in apartment buildings, rooming houses and nursing homes as well as use in single family or multifamily homes, but generally does not include use in hotels.

Sales of utilities and heating fuel also are exempt when sold to businesses with five or fewer employees or to manufacturing facilities that use at least

75 percent of their energy in manufacturing or heating the manufacturing facility. Businesses with multiple locations employing fewer than five people at any one location must use the total number of employees from all locations. Small businesses must present a Small Business Energy Exemption Certificate (Form ST-13) to the vendor to claim the exemption. Eligible industrial users must provide an Exempt Use Certificate (Form ST-12). Residential users are not required to present exemption certificates.

Sales of telephone services to residential users:

Sales of local residential telephone services billed on a recurring basis or for message unit charges are tax-exempt when provided to a residential purchaser, up to a total of \$30 per month. Residential telephone service generally includes service provided to an individual for personal use at his or her residential address, including an individual dwelling unit such as an apartment. In the case of institutions where individuals reside, such as schools or nursing homes, telephone service is considered residential if it is provided to and paid for by an individual resident rather than by the institution. Telephone service provided to a business is not residential service even if the business is located in an individual's home. If an otherwise residential telephone is used for business purposes, the business must file a Business Use Tax Return (Form ST-10) and pay tax on the service that is used. Residential users are not required to present exemption certificates.

Charges for personal or professional services:

Accounting, insurance, legal and medical services, as well as services such as haircuts and car repairs are not taxable. **Please note:** Items sold in addition to services, such as a bottle of shampoo from a salon or parts for a car repair, are taxable and must be itemized separately on the bill. Massachusetts tax law treats some products as services and therefore exempts them from the sales tax. Other products, however, may combine taxable and nontaxable elements. Still other products, although labeled custom or a service, may not meet the legal definition for tax purposes. Service providers who have questions about the taxability of their transactions should contact DOR's Rulings and Regulations Bureau for clear guidance on this issue by writing to: Department of Revenue, Rulings and Regulations Bureau, PO Box 9566, Boston, MA 02114-9566.



Department of Revenue Rulings and Regulations Bureau, PO Box 9566 Boston, MA 02114-9566

Sales of transportation:

These services generally are not taxed. For example, a separately stated transportation charge for shipping by a common carrier is exempt if the transportation occurs after the sale of the property. For more information about shipping and handling charges, see DOR Directive 04-5, Sales Tax on Transportation Charges. To obtain a copy, visit the DOR website at www.mass.gov/dor, or call DOR's Rulings and Regulations Bureau at 617-626-3250.

Casual and isolated sales:

Infrequent and nonrecurring transactions made by people or businesses not regularly engaged in the business of making such sales are exempt. For example, sales of used appliances by a homeowner or sales at an infrequent yard sale are exempt. **Please note:** Generally, casual sales of cars, boats or trailers are taxable, except for certain family transactions. For more detailed information on casual and isolated sales, see DOR Regulation 830 CMR 64H.6.1. To obtain a copy, visit the DOR website at www.mass.gov/dor, or call DOR's Rulings and Regulations Bureau at 617-626-3250.

Resales:

Sales where the purchaser intends to resell the item or telecommunications services in the regular course of business are exempt. In these cases, a Sales Tax Resale Certificate (Form ST-4) must be given to and retained by the seller as proof the sale was exempt for the reasons stated on the certificate. Vendor's can confirm the validity of their customers' sales and use tax registration and resale certificates online through DOR's Sales Tax Resale Certificate Verification System, available on the DOR website at www.mass.gov/dor under "Business Information."

Sales for out-of-state delivery:

Sales where the purchaser accepts title to and possession of an item outside Massachusetts generally are exempt. Similarly, if a vendor is obligated to deliver to an out-of-state purchaser's address or to an interstate common carrier for such a delivery, the sale is not taxable in Massachusetts. Generally, however, any taxable item brought into the state within

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six months of purchase for use, storage or consumption in Massachusetts is subject to the use tax.

Drop shipments:

Massachusetts sales and use tax law generally requires a business with nexus in Massachusetts to collect tax when it ships goods to a consumer in Massachusetts on behalf of a retailer that is not required to collect the tax because it does not have nexus with Massachusetts.

For a detailed explanation of the rules regarding how the tax applies to drop shipment transactions, see TIR 04-26, Sales/Use Tax Changes Contained in Chapter 262 of the Acts of 2004, which is available on the DOR website at www.mass.gov/dor, or by calling DOR's Rulings and Regulations Bureau at 617-626-3250.

Sales to exempt organizations:

Sales to organizations that are tax-exempt under Section 501(c)(3) of the Internal Revenue Code (such as charitable and nonprofit organizations), as well as sales to agents of Section 501(c)(3) organizations, generally are exempt. To obtain the exemption, the purchaser, or its agent, must provide the vendor with a signed copy of a Sales Tax Exempt Purchaser Certificate (Form ST-5) or Contractor's Sales Tax Exempt Purchase Certificate (Form ST-5C) and a copy of the organization's Certificate of Exemption (Form ST-2) issued by DOR. The vendor must ensure that this form is complete and retain it to prove the sale was exempt. Otherwise, the sales tax may be assessed against the vendor.

Sales to government agencies:

Sales made directly to federal and Massachusetts state or municipal government agencies or entities are exempt. To qualify, the agency must be a regular department of government or an entity wholly owned by the government that performs governmental duties on an exclusive basis. Additionally, sales of tangible personal property, including meals, to agents of governmental entities, are exempt, provided certain requirements are met. See TIR 99-4, Sales and Use Tax Exemptions: Agents of Exempt Entities, available on DOR's website at www.mass.gov/dor, or by calling the Rulings and Regulations Bureau at 617-626-3250, and Regu-

lation 830 CMR 64H.6.5, Sales Tax on Meals, for rules for substantiating exempt purchases.

Sales to certain contractors and subcontractors:

Sales of tangible personal property for use in fulfilling government public works projects to certain contractors and subcontractors acting as agents for governmental entities are exempt. To claim the exemption, the contractor or subcontractor must provide the vendor with a signed copy of a Contractor's Sales Tax Exempt Purchase Certificate (Form ST-5C), and a copy of the government agency's Certificate of Exemption (Form ST-2) issued by DOR. Contractors and subcontractors must indicate on the face of Form ST-5C that they are claiming the exemption for property used to fulfill a contract to provide qualified services in a public project.

Sales to manufacturers:

Sales of materials, tools, fuel, machinery and replacement parts that will be used directly and exclusively in the actual manufacture, processing or conversion of tangible personal property to be sold, including the publishing of a newspaper or the operation of commercial radio broadcasting or television transmission, are exempt in many cases. In addition, sales of materials, tools, fuel, machinery and replacement parts that are consumed and used directly and exclusively in research and development by a manufacturing corporation or a research and development corporation generally are exempt. (For information regarding the qualifications of a research and development corporation, see TIR 04-15, Amendments to Massachusetts Corporate Excise Governing Domestic and Foreign Manufacturing Corporations and Research and Development Corporations, which is available on the DOR website at www.mass.gov/dor, or by calling DOR's Rulings and Regulations Bureau at 617-626-3250.) The vendor must receive from the purchaser an Exempt Use Certificate (Form ST-12) and maintain proper records on such sales.

Please note: Because of the complexity of the law, some guidelines listed here may not apply to every transaction. To avoid any interest or penalty charges on tax that was not collected properly, taxpayers with questions about the taxability of any sale should call DOR's Customer Service Bureau at 617-887-MDOR or toll-free in Massachusetts at

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Apparel and Fabric Goods

1-800-392-6089 or request a letter ruling by writing to: Department of Revenue, Rulings and Regulations Bureau, PO Box 9566, Boston, MA 02114-9566.

What specific items are exempt from the sales/use tax?

Pages 17 through 25 detail the tax status of a number of specific items in the following categories: apparel and fabric goods; food and meals; health care items; home and household items; and reading materials and stationery.



Customer Service Bureau 617-887-MDOR or 1-800-392-6089 These lists are intended to address only the most frequently asked sales/ use tax questions. For more information on the tax status of an item not specifically mentioned, please call DOR's Customer Service Bureau at 617-887-MDOR or toll-free in Massachusetts at 1-800-392-6089.



Clothing generally is exempt from the sales tax

Clothing generally is exempt from the sales tax. However, any individual clothing item costing more than \$175 is taxable on the amount over the basic exemption. Thus, the tax on a \$200 suit would be \$1.25 — 5 percent of the \$25 taxable amount. If a number of items are being purchased, any applicable sales tax is charged only on individual items over \$175, no matter what the total bill.

While apparel designed solely for athletic or protective use is taxable, items that are also suitable for everyday use are exempt.

Materials that become part of articles of clothing, such as name tags sewn to a garment, are generally tax-exempt. Jewelry and accessories generally are taxable.

Following is the specific item list:

Exempt

Aprons: household, shop

Bathing suits

Belts, buckles, suspenders Children's novelty costumes Choir, clerical vestments

Cloth: synthetic or natural fiber

Costumes Footwear:

Boat shoes Innersoles Jogging shoes

Overshoes
Sandals
Shoelaces
Shoes and boots

Slippers

Sneakers and tennis shoes

Gloves: dress, casual, gardening

Taxable

Bathing and shower caps

Briefcases

Clothing primarily designed to protect from physical injury (see DOR Directive 99-3)

Equipment, special clothing for

jockeys Footwear:

> Bowling shoes Cleated athletic shoes

Football shoes Golf shoes Riding boots Shoe bags, trees Shoe polish, brushes

Ski boots Waders

Hair notions (barrettes, combs and brushes, etc.)

Exempt (continued)

Gym uniforms Hats, caps, earmuffs Hosiery, socks, garters and garter belts Neckwear, ties, scarves Rainwear Sewing goods: **Buttons** Elastic binders, tapes Fabric and materials for clothing

Jackets, windbreakers Jogging bras Leotards, tights Thread Yarn (other than rug) Yarn goods **Zippers** Ski pants Tennis clothing Uniforms: band, camping, fire, nurse, police, waiter/waitress Work clothes

Taxable (continued)

Handkerchiefs Handbags, purses Luggage Protective helmets Sewing supplies: Dress forms, patterns, embroidery hoops Knitting bags Needles, pins, thimbles Needlework instruction books Rug yarn Scissors Sewing kits Skein and yarn holders Tape measures Uniforms: athletic (baseball, football, etc.)

Wallets

In general, food products for human consumption are exempt from sales tax. Food items purchased with federal food stamps are also exempt from the sales tax. Questions sometimes arise as to whether an item is considered to be an exempt food; below is a list of commonly questioned items:

Exempt

Breath-freshening candies Dietetic candies Edible oils Food oils Food substitutes Gum Salt and sugar substitutes Nonmedicated cough drops

Taxable

Antacids Dietary supplements Vitamins and food supplements Weight-loss aids and preparations



Food sold on a "take out" basis is taxable

Food or beverages prepared for human consumption and provided by a restaurant or restaurant part of a store are taxable as "meals." Such food or beverages sold on a "take out" or "to go" basis are also taxable. However, bakery products sold in units of six or more for take out and snacks or candy sold through a vending machine or "honor snack tray" for less than \$3.50 are exempt.

The following operations, whether they stand alone or are part of another business activity, are considered restaurants and are required to collect the sales tax on meals:

Cafes Canteen trucks or wagons Catering businesses Cocktail lounges and bars Coffee shops **Diners** Dining rooms Hotel and motel dining rooms Ice cream trucks and other food stands Lunch counters Private or social clubs

Snack bars (including theatre snack bars) and salad bars Street wagons or carts

Taverns

Vending machines or "honor snack trays" that sell snacks or candy with a sales price of \$3.50 or more. Honor snack trays consist of any vending arrangements in which snacks or candy are available in an open tray for employees in an establishment that normally does not sell food and for which payment is made on the honor system.

For more detailed information about the sales tax on meals, please see DOR Regulation 830 CMR 64H.6.5, Sales Tax on Meals.

A Guide to Sales Tax on Meals also contains information about the sales tax on meals and is available via the DOR website at www. mass.gov/dor. Copies also may be obtained by calling DOR's main information lines at 617-887-MDOR or toll-free in Massachusetts at 1-800-392-6089, or through DOR's Fax on Demand system by calling 617-887-1900, using the keypad and the handset on your fax machine, and entering code number 3012.



See "A Guide to Sales
Tax on Meals"

The tax status of health care items and equipment generally is determined by explicit statutory reference. A guide to this area is provided below:

Taxable Exempt Abdominal helts Adhesive tape Alcohol Baby oil Baby pants Antacids Braces, supports and corrective Athletic supporters devices fit to the patient Baby lotions and powders Colostomy and Ileostomy bags, Bandages and bandage scissors pouches and solutions Bed pans Crutches, crutch cushions and tips Bedwetting alarm devices Diapers Blood diagnostic products Diaper linings Breast pumps Hearing aid batteries Condoms Hearing aids worn on the body Cosmetics Eyeglasses (prescription only) Cotton balls Incontinence pants Cotton swabs Over-the-counter medications sold Deodorants, antiperspirants on prescription Finaer cots Oxygen, blood and blood plasma Hairnets Prescription drugs Heating pads Prostheses Hot water bottles Sanitary napkins and belts Ice baas Syringes and needles (with insulin Invalid cushions and rings Lamps: heat and sun prescription) *Tampons* Nonprescription medicine Wheelchairs Over-the-counter medications not sold on prescription Powders, deodorant, douches

Pregnancy test systems
Prosthesis powder and shampoo

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Taxable (continued)

Respirators

Supports: ankle and wrist

Suspensories

Syringes (except with insulin

prescription)

Thermometers

Urinals

Vaporizers

Vitamins

Weight-loss aids and preparations

Rentals, sales and repairs of the following are exempt only when prescribed by a registered physician:

Alternating pressure pad units

Canes, tripod canes

Enteral, parenteral feeding devices worn on the body

Hospital beds for home use

Incubators

Kidney dialysis machines (see DOR Letter Ruling 02-6)

Life sustaining resuscitators

Oxygen concentrators, masks, humidifiers, etc.

Pacemakers

Patient lifts

Suction machines

Ultrasonic nebulizers

Household items generally are taxable. Seeds used to grow food for human consumption are exempt. Here is a listing of the tax status of specific items:

Exempt

Commercial gun safes and trigger

lock devices

Fertilizer, fungicides and

insecticides

Flags: U.S. only

Fuels:

Charcoal

Combustible fireplace logs

Firewood, kindling Lighter fluid for grills

Propane gas for grills

Gas, steam, electricity and heating

fuel

Infant supplies:

Baby buntings

Bibs

Diapers: cloth and disposable

Lininas

Receiving blankets

Rubber pants

Plants and seeds that produce food for human consumption

Telecommunications services

(up to \$30 per month for

residential use)

Taxable

Appliances

Building materials

Fencing

Furniture and draperies

Hardware

Hobby supplies

Hoses and sprinklers

Infant supplies:

Baby harnesses

Carriages, strollers

Car seats, restraints

Changing tables

Cribs and crib blankets

Diaper bags

Nursing bottles, nipples

Teething items

Wipes

Lawn furniture

Lawnmowers, spreaders, sweepers

Paint and painting supplies

Peat moss

Plants and seeds that do not produce food for human

consumption

Potting soil, grass, shrubs

Shovels and rakes Snowblowers

Tools Umbrellas

Reading Materials and Stationery

Equipment directly related to solar, wind-powered or heat-pump systems is exempt if the system is used as a primary or auxiliary power system for heating or supplying the energy needs of a taxpayer's principal residence in Massachusetts. Structural components, such as glass windows, are taxable unless they meet DOR's definition of custom-made.

File Schedule EC for solar and wind energy credit **Please note:** Massachusetts also allows owners or tenants of residential property located in the Commonwealth a credit against their personal income tax for expenses related to renewable energy source property. To take the credit, taxpayers must complete and file Massachusetts Schedule EC, Solar and Wind Energy Credit, with their annual income tax returns.



Greeting cards are taxable

Generally, reading materials and stationery are taxed. Exemptions are allowed by statute for newspapers, magazines, books used for religious worship and educational textbooks. Following is a list of specific items:

Exempt

Bibles, Korans, etc.
Books required by educational institutions for instruction
Magazines, newspapers and comic books
Prayer books and missals

Taxable

Books and paperbacks Dictionaries and encyclopedias Greeting cards School supplies Stationery and paper goods

24 Home and Household Items 25 Reading Materials and Stationery

Annual caloe/

What is the schedule for filing and paying sales/use tax?

Doturn filing

Different schedules must be followed for filing and paying sales/use tax depending on the amount of tax vendors expect to collect from their customers in a year. The following chart lists the filing and payment requirements.

Daymont due

Annual sales/ use tax collected	Return filing requirement	Payment due		
\$100 or less	Annually due 20 days after the end of the filing period — i.e., Jan. 20. WebFile for Business or Form ST-9A	Payment due with return.		
From \$101 up to \$1,200	Quarterly due 20 days after end of the filing period — i.e., April 20, July 20, October 20 and January 20. WebFile for Business or Form ST-9Q (for goods) Form STS-Q (for services)	Payment due with return.		
\$1,201 or more	Monthly due 20 days after end of the filing period — i.e., February 20 for January filing period. WebFile for Business or Form ST-9 (for goods) Form STS-M (for services)	Payment due with return.		

Businesses with a combined annual withholding, sales/use tax (including sales tax on meals and telecommunications services) and room occupancy excise liabilities of \$10,000 or more are required to file returns and make payments electronically. Once the tax liability reaches the electronic filing threshold in one year, the business must file electronically in all subsequent years, regardless of the amount due, as long as it has an obligation to file one of these three categories of taxes in Massachusetts. Businesses

that register on or after September 1, 2003, must file returns and make payments electronically, regardless of the amount of their annual tax liability. Also, all zero tax due returns are required to be filed electronically, regardless of the amount of the annual tax liability.

An electronically filed return or report is deemed timely filed if electronically submitted on or before the due date, before midnight Eastern time, with all required information accurately entered. Upon submission, the filing entity will receive a confirmation number and time-and-date stamp, which constitute the substantiating date mark providing proof of time and filing date.

In order to be considered timely filed, a paper return must be received by DOR on or before the due date, or if delivered after the due date, it must be postmarked by the U.S. Postal Service or date-stamped by a private delivery service at least two days prior to the due date.

Businesses and individuals incurring use tax liabilities who are not registered vendors may file Form ST-10 (Business Use Tax Return) or Form ST-11 (Individual Use Tax Return). Both returns are due annually by April 15. Alternatively, individuals may report and pay any Massachusetts use tax due on their personal income tax return, Massachusetts Resident Tax Return (Form 1) or Telefile (or Form 1-NR/PY for part-year residents). Taxpayers have the option of using a schedule to self-report an estimated, or "safe harbor," amount of use tax based on their Massachusetts adjusted gross income. Purchases of items having a sales price of \$1,000 or more are excluded from the "safe harbor." For more information, please see TIR 04-26, Sales/Use Tax Changes Contained in Chapter 262 of the Acts of 2004, which is available on the DOR website at www.mass.gov/dor, or by calling DOR's Rulings and Regulations Bureau at 617-626-3250.

How do I submit returns and payments electronically?

Trustee and business tax taxpayers may file returns and make payments electronically through DOR's secure Web-based application, **WebFile for Business**, which is available on the DOR website at www.mass.gov/dor.

In addition vendors with payroll obligations may use **WebFile for Business** to file and pay all state withholding taxes, unemployment insurance

contributions, and unemployment health insurance contributions due to DOR and the Massachusetts Division of Unemployment Assistance. Employers can use the program to file wage reports with DOR as well.

Vendors and employers must register with DOR in order to use **WebFile** for Business. Instructions for registering to use the application are provided on the DOR website.

For more information on electronic filing, see TIR 04-30, Revised Electronic Filing Requirements, available on the DOR website at www.mass.gov/dor.

What are the penalty and interest charges for late returns and payments?

Sales/use tax returns that are not filed on or before the due date are subject to interest and penalty charges.



The penalty for late payment is ½ of one percent of the unpaid tax shown on the return per month (or fraction thereof), up to a maximum of 25 percent.

The penalty for failure to file a return by the due date is one percent of the balance due per month (or fraction thereof), up to a maximum of 25 percent.

Also, if you fail to pay the tax when due, interest will be charged at the federal short-term rate (which can change quarterly) plus four percentage points, compounded daily. If you wish to obtain information on these rates, please call DOR's Customer Service Bureau at 617-887-MDOR or toll-free in Massachusetts at 1-800-392-6089.

Are there other penalties?

Yes. It is unlawful for a vendor to advertise or state to the public or any customer, directly or indirectly, that the sales tax, or any part of it, will be assumed or absorbed by the vendor, or that it will not be added to the selling price or that it will be refunded in whole or in part. This fine may not exceed \$100.

Willful evasion of taxes is a felony punishable by a fine up to \$100,000 for individuals or \$500,000 for corporations and/or imprisonment for up to five years. Willful failure to collect and pay over taxes is also a felony and is punishable by a fine up to \$10,000 and/or imprisonment for up to five years.

Effective January 1, 2005, taxpavers who do not comply with the requirements to file returns, make payments or submit data to DOR in an electronic format will be subject to a penalty of up to \$100 for each return, payment or data transfer submitted incorrectly to DOR. Please refer to TIR 04-12, Penalty for Failure to File, Report or Pay in the Prescribed Format, and TIR 04-30, Revised Electronic Filing Requirements, for more information.

Must a return be filed even if no tax was due for a given period?

Yes. A return must be filed for all periods even when no tax is due just enter zero in the appropriate places. Filing each period is necessary for DOR's record keeping purposes. It also will help to avoid requests from the Department for filing information. Effective July 1, 2003, zero tax due returns must be filed electronically. For more information, please see TIR 04-30, Revised Electronic Filing Requirements, available on the DOR website at www.mass.gov/dor.

How can sales/use tax reporting errors be corrected?

An Application for Abatement/Amended Return (Form CA-6) must be filed in order to report any decrease in tax; report any increase in tax (full payment should be made with the filing of the amended return); dispute a tax assessment; or request a waiver of penalties due to reasonable cause.

WebFile for Business participants must use the "amend" feature of their WebFile for Business account to file abatement applications for withholding, sales and use tax (including sales tax on meals) and room occupancy taxes.

For additional information, please refer to DOR's online Guide to Taxes. available at www.mass.gov/dor. This guide is designed to help taxpayers understand how to request an abatement of tax paid to DOR, or to notify DOR of an additional tax due.

What records must sales/use tax vendors keep?

Vendors registered to collect sales/use tax must keep complete and accurate records of the gross receipts from all sales, whether taxable or not. Vendors also must retain copies of sales/use tax returns together with any supporting information necessary to verify the accuracy of the



return. Sufficient records provide the vendor with evidence of each transaction and may include, but are not limited to, register tapes, cash journals, memorandum accounts and ledgers. Vendors must retain copies of exempt certificates and credit memos issued to purchasers.

How long should sales/use tax records be kept?

Records must be retained for a minimum of three years from the date the return was filed or the date it was required to be filed, whichever is later. Additionally, returns may be audited for up to six years for understating by more than 25 percent the tax due on receipts that should have been reported on the return. You also should know that there is no limitation on the period for which DOR may request records if a vendor failed to file a return or filed a false or fraudulent return. Further information about retaining records is available in DOR Regulation 830 CMR 62C.25.1, Records Retention.

How are had debts treated?

Vendors must pay tax on all sales regardless of whether payment is received at the time of sale. Reimbursement for tax remitted on bad debts can be claimed only on an annual basis on a Claim for Bad Debt Reimbursement (Form ST-BDR). This form must be filed by the due date, including extensions, of the vendor's federal income tax return for accounts determined to be worthless during the prior fiscal year. For more information and requirements, please see Technical Information Release 00-3, Claiming the Bad Debt Reimbursement. To obtain a copy, please visit the DOR website at www.mass.gov/dor, or call DOR's Rulings and Regulations Bureau at 617-626-3250.

Form examples:

Example:

Edward has a part-time business making guitars in Connecticut. Since Edward sometimes sells and delivers those guitars to Massachusetts residents, he registered to collect Massachusetts sales tax. As his annual Massachusetts sales tax collections are less than \$100, Edward files an Annual Sales and Use Tax Return (Form ST-9A) to make his sales tax payments.

If Edward has sales of \$1,855 during the year, his completed Form ST-9A will look like this:

ST-9A	ANNUA	HUSETTS DEPARTMENT OF RI L SALES AND USE TAX RE LE THIS FORM EVEN THOUGH NO TA	TURN	1. GROSS SALES	1,855	
FEDERAL IDENTIFICATION NUMBER BE SURE THIS VOUCHER COVERS THE CORRECT PERIOD FOR YEAR		SALES FOR RESALE/ EXEMPT SALES OR OTHER ADJUSTMENTS				
123-	456-789*01*		2005	2A. SALES OF MATERIALS, TOOLS AND FUEL		
IF ANY INFOR-	Edward Taxp	aver		2B. SALES OF MACHINERY AND REPLACEMENT PARTS		
INCORRECT,	Main Street SEE Hartford, Connecticut			3. TOTAL NONTAXABLE SALES (ADD LINES 2, 2A AND 2B)		
				TAXABLE SALES (SUBTRACT LINE 3 FROM LINE 1; ZERO IF NEGATIVE)	1,855	
nono.	Check here if this is a	final return.		5. USE TAX PURCHASES	0	
				6. TOTAL TAXABLE AMOUNT (ADD LINE 4 AND LINE 5)	1,855	
				7. TOTAL TAXES (LINE 6 × .05)	92	75
Return is due with payment on or before the 20th day of January following the year indicated above. Make check payable to Commonwealth of Mass. Mail to: Mass. Dept. of Revenue, P.O. Box 7043, Boston, MA 02204. I declare under the penalties of perjury that this return (including any accompanying schedules and statements)			8. PENALTIES AND INTEREST	0		
has been examined by me and to the best of my knowledge and belief is a true, correct and complete return.' Signature Edward Taxpayer Title Owner Date 1/5/06			9. TOTAL AMOUNT DUE (ADD LINE 7 AND LINE 8)	92	75	

IMPORTANT: READ INSTRUCTIONS BEFORE COMPLETING RETURN

New owners: Do not use previous owner's form to file your return. Any change in own ership or organization requires a new registration. You must file a new Form TA-1.

Note: Lines 2A and 2B are for the sales of items becoming part of property sold or used directly in industrial or certain other production. These items are not to be used for income deductions.

30 Filing and Payment Information 31 Filing and Payment Information

Carol, who owns an antique store in Southborough, MA is registered to collect sales/use tax in Massachusetts. Since her annual sales tax collections are less than \$10,000, Carol files Monthly Sales and Use Tax Returns (Form ST-9) to make her sales tax payments.

In February, Carol sells \$16,000 of antiques to her customers. Three thousand dollars of Carol's sales are for resale. Her completed ST-9 for the month will look like this:

SM	MONT	CHUSETTS DEPARTMENT OF REV HLY SALES AND USE TAX RET FILE THIS FORM EVEN THOUGH NO TAX N	TURN	1. GROSS SALES	16.000
FEDERAL IDENTIFICATION NUMBER BE SURE THIS RETURN COVERS FOR MONTH 123-456-789*01* 2/06			SALES FOR RESALE/ EXEMPT SALES OR OTHER ADJUSTMENTS	3,000	
				2A. SALES OF MATERIALS, TOOL AND FUEL	s
IF ANY INFOR- Carol Taxpayer				2B. SALES OF MACHINERY AND REPLACEMENT PARTS	
MATION IS INCORRECT, SFF			3. TOTAL NONTAXABLE SALES (ADD LINES 2, 2A AND 2B)	3,000	
INSTRUC-				 TAXABLE SALES (SUBTRACT LINE 3 FROM LINE 1; ZERO IF NEGATIVE) 	13,000
Check here if this is a final return.				5. USE TAX PURCHASES	0
				6. TOTAL TAXABLE AMOUNT (ADD LINE 4 AND LINE 5)	13,000
				7. TOTAL TAXES (LINE 6 × .05)	650
Return is due with payment on or before the 20th day of the month following the month indicated above. Make check payable to Commonwealth of Mass. Mail to: Mass. Dept. of Revenue, P.O. Box 7039, Boston, MA 02204-7039.				8. PENALTIES AND INTEREST	0
I declare under the penalties of perjury that this return (including any accompanying schedules and statements) has been examined by me and to the best of my knowledge and belief is a true, correct and complete return. Sinature Carol Taxpager Tate OWNEY Date 3/2/06				9. TOTAL AMOUNT DUE (ADD LINE 7 AND LINE 8)	650

New owners: Do not use previous owner's form to file your return. Any change in ownership or organization requires a new registration. You must file a new Form TA-1.

Note: Lines 2A and 2B are for the sales of items becoming part of property sold or

Example: In March, Carol purchases five display units in New Hampshire for use in her business. The total cost of the units is \$500. No sales tax is paid on the goods. Since the display units were purchased out-of-state for use in the Commonwealth and because no sales tax was paid, Carol is responsible for paying the 5 percent use tax to the Commonwealth. Since Carol is a registered Massachusetts sales/use tax vendor, she will make her use tax payment on her next monthly Form ST-9.

> Carol has gross sales of \$17,000 in March, including \$2,000 in sales for resale. Her return, including the use tax payment, will look like this:

SM		HLY SALES AND USE TAX RET		1. GROSS SALES	17,000
		BE SURE THIS RETURN COVERS THE CORRECT PERIOD	FOR MONTH 3/06	SALES FOR RESALE/ EXEMPT SALES OR OTHER ADJUSTMENTS	2,000
	30 703 01		5,00	2A. SALES OF MATERIALS, TOOLS AND FUEL	
IF ANY INFOR- MATTON IS Carol Taxpayer				2B. SALES OF MACHINERY AND REPLACEMENT PARTS	
INCORRECT, Southborough, MA			3. TOTAL NONTAXABLE SALES (ADD LINES 2, 2A AND 2B) 2,00		
SEE INSTRUC- TIONS.				TAXABLE SALES (SUBTRACT LINE 3 FROM LINE 1; ZERO IF NEGATIVE)	15,000
Check here if this is a final return.			5. USE TAX PURCHASES	500	
				6. TOTAL TAXABLE AMOUNT (ADD LINE 4 AND LINE 5)	15,500
				7. TOTAL TAXES (LINE 6 × .05)	775
Return is due with payment on or before the 20th day of the month following the month indicated above. Make check payable to Commonwealth of Mass, Mail to: Mass, Dect. of Revenue, P.O. Box 7039, Boston, MA 02204-7039.			8. PENALTIES AND INTEREST	0	
I declare under the penalties of perjury that this return (including any accompanying schedules and statements) has been examined by me and to the best of my knowledge and belief is a true, correct and complete return. Signature Carol Taxbgare — Table Owner. Date 4/3/106			9. TOTAL AMOUNT DUE (ADD LINE 7 AND LINE 8)	775	

New owners: Do not use previous owner's form to file your return. Any change in own ership or organization requires a new registration. You must file a new Form TA-1.

Note: Lines 2A and 2B are for the sales of items becoming part of property sold or used directly in industrial or certain other production. These items are not to be used

What kind of help is available?

The instructions in the Department of Revenue's tax forms should provide answers to most taxpayer questions. For further information on Massachusetts sales and use tax law, please contact:

Department of Revenue, Customer Service Bureau PO Box 7010 Boston, MA 02204 617-887-MDOR or toll-free in Massachusetts 1-800-392-6089

DOR also issues a number of useful publications on various state tax issues. These publications include: tax-specific guides written in question and answer format such as **A Guide to the Department of Revenue: Your Taxpayer Bill of Rights**; and public written statements, such as Regulations, Technical Information Releases, Directives and Letter Rulings, that explain the Commonwealth's tax laws in detail. DOR also offers Small Business Workshops designed to help all new or small businesses understand their filing requirements. Please call 617-887-5660 for more information.

Where to get forms and publications

Many Massachusetts tax forms and publications also are available via the Department's website at www.mass.gov/dor.

To obtain Massachusetts forms and publications by phone, call the Department's main information lines at 617-887-MDOR or toll-free in Massachusetts at 1-800-392-6089.

Certain forms and publications can be obtained through DOR's Fax on Demand system. A list of commonly requested forms and publications and their fax codes appears on pages 35 through 37. For a complete Fax on Demand menu, please call 617-887-1900 using the handset and the keypad of your fax machine.



DOR's Fax on Demand 617-887-1900

+ fax code number

DOR offers a number of publications on various state tax issues. Most are available by visiting the DOR website at www.mass.gov/dor, or by calling DOR's main information lines at 617-887-MDOR or toll-free in Massachusetts at 1-800-392-6089. Many of the documents below also are available through DOR's Fax on Demand system. Please call 617-887-1900 using the handset and the keypad of your fax machine for a complete menu, or use the code number following the document title below. Only forms followed by a fax code number may be obtained through Fax on Demand.

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Title/Fax Code Number
Application for Abatement/Amended Return/326
Sales and Use Tax Registration Certificate
Certificate of Exemption
5% Sales Tax Schedule/403
Sales Tax Resale Certificate
Sales Tax Exempt Purchaser Certificate/404
Contractor's Sales Tax Exempt Purchase Certificate/405
Motor Vehicle Certificate of Payment of Sales or Use Tax/407
Sales Tax Exempt Certificate for Books Used for Instructional Purposes
Monthly Sales and Use Tax Return
Annual Sales and Use Tax Return
Quarterly Sales and Use Tax Return
Business Use Tax Return/370
Individual Use Tax Return/371
Exempt Use Certificate/412
Sales Tax Exempt Certificate for Sales of Certain Medical Equipment/422
Exempt Container Certificate/395

Form Number	Title/Fax Code Number
ST-13	Small Business Energy Exemption Certificate/413
ST-BDR	Claim for Bad Debt Reimbursement/378
ST-BDR-MEALS	Claim for Bad Debt Reimbursement/379
MT-1	Meals and All Beverages Sales Tax Registration
ST-MAB-4	Sales Tax on Meals, Prepared Food and All Beverages Return
STS-Q	Quarterly Sales/Use Tax on Services Return
STS	Monthly Sales/Use Tax on Services Return
Regulation Number	Title/Fax Code Number

830 CMR 62C.25.1 Records Retention/2604

830 CMR 64H.6.5 Sales Tax on Meals/2605



DOR's Fax on Demand 617-887-1900

+ fax code number

Publication Title/Fax Code Number

A Guide to the Department of Revenue: Your Taxpayer Bill of Rights/3005

A Guide to Withholding of Taxes on Wages/3007

Should You Be Paying Individual Estimated Taxes?/3008

A Guide to Sales and Use Tax/3009

A Guide to Sales Tax on Meals/3012

A Guide to Estate Taxes (Applicable to dates of death prior to January 1, 1997)/3011

A Guide to Estate Taxes (Applicable to dates of death on or after January 1, 1997 and prior to January 1, 2003)/3013

A Guide to Estate Taxes (Applicable to dates of death on or after January 1, 2003)/3014

DOR Regulations, Technical Information Releases, Directives and Letter Rulings are prepared on general tax issues as well as specific taxpayer inquiries and are available on the DOR website and Fax on Demand system, or by calling DOR's Rulings and Regulations Bureau at 617-626-3250. Copies also are published in the **MASSTAX Guide**.

MASSTAX Guide contains five volumes covering all state taxes and DOR administrative procedures; it is available for purchase through Thomson West (1-800-328-9352) or for reference at many law libraries and at the State House Library.

36 A Guide to Sales and Use Tax **37** A Guide to Sales and Use Tax

MASSACHUSETTS SALES/USE TAX COLLECTION SCHEDULE

5% Sales Tax

Including Prepared Food and All Beverages

S.10 - S.29 S.01 S8.10 - S8.29 S.41 S16.10 - S16.29 S.81 S24.10 - S24.29 S.1.21	Amount of Sale	Tax	Amount of Sale	Tax	Amount of Sale	Tax	Amount of Sale	Tax
1.50 - 6.69	\$.10 - \$.29	\$.01	\$8.10 - \$8.29	\$.41	\$16.10 - \$16.29	\$.81	\$24.10 - \$24.29	\$1.21
.7089 .04 8.70 - 8.89 .44 16.70 - 16.89 .84 24.70 - 24.89 1.24 .90 - 1.09 .05 8.90 - 9.09 .45 16.90 - 17.09 .85 24.90 - 25.09 1.25 1.10 - 1.29 .06 9.10 - 9.29 .46 17.10 - 17.29 .86 25.10 - 25.29 1.26 1.30 - 1.49 .07 9.30 - 9.49 .47 17.30 - 17.49 .87 25.30 - 25.49 1.27 1.50 - 1.69 .08 9.50 - 9.69 .48 17.50 - 17.69 .88 25.50 - 25.69 1.28 1.70 - 1.89 .09 9.70 - 9.89 .49 17.70 - 17.89 .89 25.70 - 25.89 1.28 1.90 - 2.09 .10 9.90 - 10.09 .50 18.10 - 18.29 .91 26.10 - 26.29 1.31 2.30 - 2.49 .12 10.30 - 10.49 .52 18.30 - 18.49 .92 26.30 - 26.69 1.32 2.70 - 2.89 .14 10.70 - 10.89 .54 18.70 - 18.89 .94 26.70 - 26.89 1.34 2.90	.3049	.02	8.30 - 8.49	.42	16.30 - 16.49	.82	24.30 - 24.49	1.22
90-1.09	.5069	.03	8.50 - 8.69	.43	16.50 - 16.69	.83	24.50 - 24.69	1.23
1.10 - 1.29 .06 9.10 - 9.29 .46 17.10 - 17.29 .86 25.10 - 25.29 1.26 1.30 - 1.49 .07 9.30 - 9.49 .47 17.30 - 17.49 .87 25.30 - 25.69 1.27 1.50 - 1.69 .08 9.50 - 9.69 .48 17.50 - 17.69 .88 25.70 - 25.89 1.29 1.90 - 2.09 .10 9.90 - 10.09 .50 17.90 - 18.09 .90 25.90 - 26.09 1.30 2.10 - 2.29 .11 10.10 - 10.29 .51 18.10 - 18.29 .91 26.10 - 26.29 1.31 2.30 - 2.49 .12 10.30 - 10.49 .52 18.50 - 18.69 .93 26.50 - 26.69 1.33 2.70 - 2.89 .14 10.70 - 10.89 .54 18.70 - 18.89 .94 26.70 - 26.89 1.34 2.90 - 3.09 .15 10.90 - 11.09 .55 18.90 - 19.09 .95 26.90 - 27.09 .35 3.10 - 3.29 .16 11.10 - 11.29 .56 18.90 - 19.09 .94 26.70 - 26.89 1.34 <	.7089	.04	8.70 - 8.89	.44	16.70 - 16.89	.84	24.70 - 24.89	1.24
1.30 - 1.49 .07 9.30 - 9.49 .47 17.30 - 17.49 .87 25.30 - 25.49 1.27 1.50 - 1.69 .08 9.50 - 9.69 .48 17.50 - 17.69 .88 25.50 - 25.69 1.28 1.70 - 1.89 .09 9.70 - 9.89 .49 17.70 - 17.89 .89 25.50 - 25.69 1.29 1.90 - 2.09 .10 9.90 - 10.09 .50 17.90 - 18.09 .91 26.10 - 26.29 1.31 2.30 - 2.49 .12 10.30 - 10.49 .52 18.30 - 18.49 .92 26.30 - 26.69 1.32 2.50 - 2.69 .13 10.50 - 10.69 .53 18.50 - 18.69 .93 26.50 - 26.69 1.33 2.70 - 2.89 .14 10.70 - 10.89 .54 18.70 - 18.89 .94 26.70 - 26.89 1.34 2.90 - 3.09 .15 10.90 - 11.09 .55 18.90 - 19.09 .95 26.90 - 27.09 1.35 3.10 - 3.29 .16 11.10 - 11.49 .57 19.30 - 19.49 .97 27.30 - 27.49 1.37	.90 - 1.09	.05	8.90 - 9.09	.45	16.90 - 17.09	.85	24.90 - 25.09	1.25
1.50 - 1.69 .08 9.50 - 9.69 .48 17.50 - 17.69 .88 25.50 - 25.69 1.28 1.70 - 1.89 .09 9.70 - 9.89 .49 17.70 - 17.89 .89 25.70 - 25.89 1.29 1.90 - 2.09 .10 9.90 - 10.09 .50 17.90 - 18.09 .90 25.00 - 26.09 1.31 2.10 - 2.29 .11 10.10 - 10.29 .51 18.10 - 18.29 .91 26.10 - 26.29 1.31 2.30 - 2.49 .12 10.30 - 10.49 .52 18.30 - 18.49 .92 26.30 - 26.49 1.32 2.50 - 2.69 .13 10.50 - 10.69 .53 18.50 - 18.69 .93 26.50 - 26.69 1.33 2.70 - 2.89 .14 10.70 - 10.89 .54 18.70 - 18.89 .94 26.70 - 26.89 1.31 2.90 - 3.09 .15 10.90 - 11.09 .55 18.90 - 19.09 .95 26.90 - 27.09 1.35 3.10 - 3.29 .16 11.10 - 11.29 .56 19.10 - 19.29 .96 27.10 - 27.29 1.36	1.10 - 1.29	.06	9.10 - 9.29	.46	17.10 - 17.29	.86	25.10 - 25.29	1.26
1.70 - 1.89 .09 9.70 - 9.89 .49 17.70 - 17.89 .89 25.70 - 25.89 1.29 1.90 - 2.09 .10 9.90 - 10.09 .50 17.90 - 18.09 .90 25.90 - 26.09 1.30 2.10 - 2.29 .11 10.10 - 10.29 .51 18.10 - 18.29 .91 26.10 - 26.29 1.31 2.30 - 2.49 .12 10.30 - 10.49 .52 18.30 - 18.49 .92 26.30 - 26.69 1.32 2.50 - 2.69 .13 10.50 - 10.69 .53 18.50 - 18.69 .93 26.50 - 26.69 1.32 2.90 - 3.09 .15 10.90 - 11.09 .55 18.90 - 19.09 .95 26.90 - 27.09 1.32 2.90 - 3.09 .16 11.10 - 11.29 .56 19.10 - 19.29 .96 27.10 - 27.29 1.35 3.30 - 3.49 .17 11.30 - 11.49 .57 19.30 - 19.49 .97 27.30 - 27.49 1.37 3.50 - 3.69 .18 11.50 - 11.69 .58 19.50 - 19.69 .98 27.50 - 27.69 1.38	1.30 - 1.49	.07	9.30 - 9.49	.47	17.30 - 17.49	.87	25.30 - 25.49	1.27
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	1.50 - 1.69	.08	9.50 - 9.69	.48	17.50 - 17.69	.88	25.50 - 25.69	1.28
2.10 - 2.29 .11 10.10 - 10.29 .51 18.10 - 18.29 .91 26.10 - 26.29 1.31 2.30 - 2.49 .12 10.30 - 10.49 .52 18.30 - 18.49 .92 26.30 - 26.49 1.32 2.50 - 2.69 .13 10.50 - 10.69 .53 18.50 - 18.69 .93 26.50 - 26.69 1.33 2.70 - 2.89 .14 10.70 - 10.89 .54 18.70 - 18.89 .94 26.70 - 26.89 1.34 2.90 - 3.09 .15 10.90 - 11.09 .55 18.90 - 19.09 .95 26.90 - 27.09 1.35 3.10 - 3.29 .16 11.10 - 11.29 .56 19.10 - 19.29 .96 27.10 - 27.29 1.36 3.30 - 3.49 .17 11.30 - 11.69 .58 19.50 - 19.69 .98 27.50 - 27.69 1.33 3.70 - 3.89 .19 11.70 - 11.89 .58 19.50 - 19.69 .98 27.70 - 27.89 1.39 3.90 - 4.09 .20 11.90 - 12.09 .60 19.90 - 20.09 1.00 27.90 - 28.09 1.40	1.70 - 1.89	.09	9.70 - 9.89	.49	17.70 - 17.89	.89	25.70 - 25.89	1.29
2.30 - 2.49 .12 10.30 - 10.49 .52 18.30 - 18.49 .92 26.30 - 26.49 1.32 2.50 - 2.69 .13 10.50 - 10.69 .53 18.50 - 18.69 .93 26.50 - 26.69 1.33 2.70 - 2.89 .14 10.70 - 10.89 .54 18.70 - 18.89 .94 26.70 - 26.89 1.34 2.90 - 3.09 .15 10.90 - 11.09 .55 18.90 - 19.09 .95 26.90 - 27.09 1.35 3.10 - 3.29 .16 11.10 - 11.29 .56 19.10 - 19.29 .96 27.10 - 27.29 1.36 3.30 - 3.49 .17 11.30 - 11.69 .58 19.50 - 19.69 .98 27.50 - 27.69 1.38 3.70 - 3.89 .19 11.70 - 11.89 .59 19.70 - 19.89 .99 27.70 - 27.89 1.39 3.90 - 4.09 .20 11.90 - 12.09 .60 19.90 - 20.09 1.00 27.90 - 27.89 1.38 3.70 - 3.89 .19 11.70 - 11.89 .59 19.70 - 19.89 .99 27.70 - 27.89 1.39	1.90 - 2.09	.10	9.90 - 10.09	.50	17.90 - 18.09	.90	25.90 - 26.09	1.30
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	2.10 - 2.29	.11	10.10 - 10.29	.51	18.10 - 18.29	.91	26.10 - 26.29	1.31
2.70 - 2.89 .14 10.70 - 10.89 .54 18.70 - 18.89 .94 26.70 - 26.89 1.34 2.90 - 3.09 .15 10.90 - 11.09 .55 18.90 - 19.09 .95 26.90 - 27.09 1.35 3.10 - 3.29 .16 11.10 - 11.29 .56 19.10 - 19.29 .96 27.10 - 27.29 1.36 3.30 - 3.49 .17 11.30 - 11.49 .57 19.30 - 19.49 .97 27.30 - 27.49 1.37 3.50 - 3.69 .18 11.50 - 11.69 .58 19.50 - 19.69 .98 27.50 - 27.69 1.38 3.70 - 3.89 .19 11.70 - 11.89 .59 19.70 - 19.89 .99 27.70 - 27.89 1.39 4.10 - 4.29 .21 12.10 - 12.29 .61 20.10 - 20.29 1.01 28.10 - 28.29 1.41 4.30 - 4.49 .22 12.30 - 12.49 .62 20.30 - 20.49 1.02 28.30 - 28.49 1.42 4.50 - 4.69 .23 12.50 - 12.69 .63 20.50 - 20.69 1.03 28.50 - 28.69 1.43 <tr< td=""><td>2.30 - 2.49</td><td>.12</td><td>10.30 - 10.49</td><td>.52</td><td>18.30 - 18.49</td><td>.92</td><td>26.30 - 26.49</td><td>1.32</td></tr<>	2.30 - 2.49	.12	10.30 - 10.49	.52	18.30 - 18.49	.92	26.30 - 26.49	1.32
2.90 - 3.09 .15 10.90 - 11.09 .55 18.90 - 19.09 .95 26.90 - 27.09 1.35 3.10 - 3.29 .16 11.10 - 11.29 .56 19.10 - 19.29 .96 27.10 - 27.29 1.36 3.30 - 3.49 .17 11.30 - 11.49 .57 19.30 - 19.49 .97 27.30 - 27.49 1.37 3.50 - 3.69 .18 11.50 - 11.69 .58 19.50 - 19.69 .98 27.50 - 27.69 1.38 3.70 - 3.89 .19 11.70 - 11.89 .59 19.70 - 19.89 .99 27.70 - 27.89 1.38 3.90 - 4.09 .20 11.90 - 12.09 .60 19.90 - 20.09 1.00 27.90 - 28.09 1.40 4.10 - 4.29 .21 12.10 - 12.29 .61 20.10 - 20.29 1.01 28.10 - 28.29 1.41 4.30 - 4.49 .22 12.30 - 12.49 .62 20.30 - 20.49 1.02 28.30 - 28.49 1.42 4.50 - 4.69 .23 12.50 - 12.69 .63 20.50 - 20.69 1.03 28.50 - 28.69 1.43 <t< td=""><td>2.50 - 2.69</td><td>.13</td><td>10.50 - 10.69</td><td>.53</td><td>18.50 - 18.69</td><td>.93</td><td>26.50 - 26.69</td><td>1.33</td></t<>	2.50 - 2.69	.13	10.50 - 10.69	.53	18.50 - 18.69	.93	26.50 - 26.69	1.33
3.10 - 3.29 .16 11.10 - 11.29 .56 19.10 - 19.29 .96 27.10 - 27.29 1.36 3.30 - 3.49 .17 11.30 - 11.49 .57 19.30 - 19.49 .97 27.30 - 27.49 1.37 3.50 - 3.69 .18 11.50 - 11.69 .58 19.50 - 19.69 .98 27.50 - 27.69 1.38 3.70 - 3.89 .19 11.70 - 11.89 .59 19.70 - 19.89 .99 27.70 - 27.89 1.39 3.90 - 4.09 .20 11.90 - 12.09 .60 19.90 - 20.09 1.00 27.90 - 28.09 1.40 4.10 - 4.29 .21 12.10 - 12.29 .61 20.10 - 20.29 1.01 28.10 - 28.29 1.41 4.50 - 4.69 .23 12.50 - 12.69 .63 20.50 - 20.69 1.03 28.50 - 28.69 1.43 4.70 - 4.89 .24 12.70 - 12.89 .64 20.70 - 20.89 1.04 28.70 - 28.89 1.44 4.90 - 5.09 .25 12.90 - 13.09 .65 20.90 - 21.09 1.05 28.90 - 29.09 1.45 <	2.70 - 2.89	.14	10.70 - 10.89	.54	18.70 - 18.89	.94	26.70 - 26.89	1.34
3.30 - 3.49 .17 11.30 - 11.49 .57 19.30 - 19.49 .97 27.30 - 27.49 1.37 3.50 - 3.69 .18 11.50 - 11.69 .58 19.50 - 19.69 .98 27.50 - 27.69 1.38 3.70 - 3.89 .19 11.70 - 11.89 .59 19.70 - 19.89 .99 27.70 - 27.89 1.39 3.90 - 4.09 .20 11.90 - 12.09 .60 19.90 - 20.09 1.00 27.90 - 28.09 1.40 4.10 - 4.29 .21 12.10 - 12.29 .61 20.10 - 20.29 1.01 28.10 - 28.29 1.41 4.30 - 4.49 .22 12.30 - 12.49 .62 20.30 - 20.49 1.02 28.30 - 28.49 1.42 4.50 - 4.69 .23 12.50 - 12.69 .63 20.50 - 20.69 1.03 28.50 - 28.69 1.43 4.70 - 4.89 .24 12.70 - 12.89 .64 20.70 - 20.89 1.04 28.70 - 28.89 1.44 4.90 - 5.09 .25 12.90 - 13.09 .65 20.90 - 21.09 1.05 28.90 - 29.09 1.45	2.90 - 3.09	.15	10.90 - 11.09	.55	18.90 - 19.09	.95	26.90 - 27.09	1.35
3.50 - 3.69 .18 11.50 - 11.69 .58 19.50 - 19.69 .98 27.50 - 27.69 1.38 3.70 - 3.89 .19 11.70 - 11.89 .59 19.70 - 19.89 .99 27.70 - 27.89 1.39 3.90 - 4.09 .20 11.90 - 12.09 .60 19.90 - 20.09 1.00 27.90 - 28.09 1.40 4.10 - 4.29 .21 12.10 - 12.29 .61 20.10 - 20.29 1.01 28.10 - 28.29 1.41 4.30 - 4.49 .22 12.30 - 12.49 .62 20.30 - 20.49 1.02 28.30 - 28.49 1.42 4.50 - 4.69 .23 12.50 - 12.69 .63 20.50 - 20.69 1.03 28.50 - 28.69 1.43 4.70 - 4.89 .24 12.70 - 12.89 .64 20.70 - 20.89 1.04 28.70 - 28.89 1.44 4.90 - 5.09 .25 12.90 - 13.09 .65 20.90 - 21.09 1.05 28.90 - 29.09 1.45 5.10 - 5.29 .26 13.10 - 13.29 .66 21.10 - 21.29 1.06 29.10 - 29.29 1.46	3.10 - 3.29	.16	11.10 - 11.29	.56	19.10 - 19.29	.96	27.10 - 27.29	1.36
3.70 - 3.89 .19 11.70 - 11.89 .59 19.70 - 19.89 .99 27.70 - 27.89 1.39 3.90 - 4.09 .20 11.90 - 12.09 .60 19.90 - 20.09 1.00 27.90 - 28.09 1.40 4.10 - 4.29 .21 12.10 - 12.29 .61 20.10 - 20.29 1.01 28.10 - 28.29 1.41 4.30 - 4.49 .22 12.30 - 12.49 .62 20.30 - 20.49 1.02 28.30 - 28.49 1.42 4.50 - 4.69 .23 12.50 - 12.69 .63 20.50 - 20.69 1.03 28.50 - 28.69 1.43 4.70 - 4.89 .24 12.70 - 12.89 .64 20.70 - 20.89 1.04 28.70 - 28.89 1.44 4.90 - 5.09 .25 12.90 - 13.09 .65 20.90 - 21.09 1.05 28.90 - 29.09 1.45 5.10 - 5.29 .26 13.10 - 13.29 .66 21.10 - 21.29 1.06 29.10 - 29.29 1.46 5.30 - 5.49 .27 13.30 - 13.69 .68 21.50 - 21.69 1.08 29.50 - 29.69 1.48	3.30 - 3.49	.17	11.30 - 11.49	.57	19.30 - 19.49	.97	27.30 - 27.49	1.37
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	3.50 - 3.69	.18	11.50 - 11.69	.58	19.50 - 19.69	.98	27.50 - 27.69	1.38
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	3.70 - 3.89	.19	11.70 – 11.89	.59	19.70 - 19.89	.99	27.70 - 27.89	1.39
4.30 - 4.49 .22 12.30 - 12.49 .62 20.30 - 20.49 1.02 28.30 - 28.49 1.42 4.50 - 4.69 .23 12.50 - 12.69 .63 20.50 - 20.69 1.03 28.50 - 28.69 1.43 4.70 - 4.89 .24 12.70 - 12.89 .64 20.70 - 20.89 1.04 28.70 - 28.89 1.44 4.90 - 5.09 .25 12.90 - 13.09 .65 20.90 - 21.09 1.05 28.90 - 29.09 1.45 5.10 - 5.29 .26 13.10 - 13.29 .66 21.10 - 21.29 1.06 29.10 - 29.29 1.46 5.30 - 5.49 .27 13.30 - 13.49 .67 21.30 - 21.49 1.07 29.30 - 29.49 1.47 5.50 - 5.69 .28 13.50 - 13.69 .68 21.50 - 21.69 1.08 29.50 - 29.69 1.48 5.70 - 5.89 .29 13.70 - 13.89 .69 21.70 - 21.89 1.09 29.70 - 29.89 1.49 5.90 - 6.09 .30 13.90 - 14.09 .70 21.90 - 22.09 1.10 29.90 - 30.09 1.50	3.90 - 4.09	.20	11.90 - 12.09	.60	19.90 - 20.09	1.00	27.90 - 28.09	1.40
4.50 - 4.69 .23 12.50 - 12.69 .63 20.50 - 20.69 1.03 28.50 - 28.69 1.43 4.70 - 4.89 .24 12.70 - 12.89 .64 20.70 - 20.89 1.04 28.70 - 28.89 1.44 4.90 - 5.09 .25 12.90 - 13.09 .65 20.90 - 21.09 1.05 28.90 - 29.09 1.45 5.10 - 5.29 .26 13.10 - 13.29 .66 21.10 - 21.29 1.06 29.10 - 29.29 1.46 5.30 - 5.49 .27 13.30 - 13.49 .67 21.30 - 21.49 1.07 29.30 - 29.49 1.47 5.50 - 5.69 .28 13.50 - 13.69 .68 21.50 - 21.69 1.08 29.50 - 29.69 1.48 5.70 - 5.89 .29 13.70 - 13.89 .69 21.70 - 21.89 1.09 29.70 - 29.89 1.49 5.90 - 6.09 .30 13.90 - 14.09 .70 21.90 - 22.09 1.10 29.90 - 30.09 1.50 6.10 - 6.29 .31 14.10 - 14.29 .71 22.10 - 22.29 1.11 30.10 - 30.29 1.51	4.10 - 4.29	.21	12.10 - 12.29	.61	20.10 - 20.29	1.01	28.10 - 28.29	1.41
4.70 - 4.89 .24 12.70 - 12.89 .64 20.70 - 20.89 1.04 28.70 - 28.89 1.44 4.90 - 5.09 .25 12.90 - 13.09 .65 20.90 - 21.09 1.05 28.90 - 29.09 1.45 5.10 - 5.29 .26 13.10 - 13.29 .66 21.10 - 21.29 1.06 29.10 - 29.29 1.46 5.30 - 5.49 .27 13.30 - 13.49 .67 21.30 - 21.49 1.07 29.30 - 29.49 1.47 5.50 - 5.69 .28 13.50 - 13.69 .68 21.50 - 21.69 1.08 29.50 - 29.69 1.48 5.70 - 5.89 .29 13.70 - 13.89 .69 21.70 - 21.89 1.09 29.70 - 29.89 1.49 5.90 - 6.09 .30 13.90 - 14.09 .70 21.90 - 22.09 1.10 29.90 - 30.09 1.50 6.10 - 6.29 .31 14.10 - 14.29 .71 22.10 - 22.29 1.11 30.10 - 30.29 1.51 6.50 - 6.69 .33 14.50 - 14.69 .73 22.50 - 22.69 1.13 30.50 - 30.69 1.53	4.30 - 4.49	.22	12.30 - 12.49	.62	20.30 - 20.49	1.02	28.30 - 28.49	1.42
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	4.50 - 4.69	.23	12.50 - 12.69	.63	20.50 - 20.69	1.03	28.50 - 28.69	1.43
5.10 - 5.29 .26 13.10 - 13.29 .66 21.10 - 21.29 1.06 29.10 - 29.29 1.46 5.30 - 5.49 .27 13.30 - 13.49 .67 21.30 - 21.49 1.07 29.30 - 29.49 1.47 5.50 - 5.69 .28 13.50 - 13.69 .68 21.50 - 21.69 1.08 29.50 - 29.69 1.48 5.70 - 5.89 .29 13.70 - 13.89 .69 21.70 - 21.89 1.09 29.70 - 29.89 1.49 5.90 - 6.09 .30 13.90 - 14.09 .70 21.90 - 22.09 1.10 29.90 - 30.09 1.50 6.10 - 6.29 .31 14.10 - 14.29 .71 22.10 - 22.29 1.11 30.10 - 30.29 1.51 6.30 - 6.49 .32 14.30 - 14.69 .72 22.30 - 22.49 1.12 30.30 - 30.49 1.52 6.50 - 6.69 .33 14.50 - 14.69 .73 22.50 - 22.69 1.13 30.50 - 30.69 1.53 6.70 - 6.89 .34 14.70 - 14.89 .74 22.70 - 22.89 1.14 30.70 - 30.89 1.54	4.70 - 4.89	.24	12.70 - 12.89	.64	20.70 - 20.89	1.04	28.70 - 28.89	1.44
5.30 - 5.49 .27 13.30 - 13.49 .67 21.30 - 21.49 1.07 29.30 - 29.49 1.47 5.50 - 5.69 .28 13.50 - 13.69 .68 21.50 - 21.69 1.08 29.50 - 29.69 1.48 5.70 - 5.89 .29 13.70 - 13.89 .69 21.70 - 21.89 1.09 29.70 - 29.89 1.49 5.90 - 6.09 .30 13.90 - 14.09 .70 21.90 - 22.09 1.10 29.90 - 30.09 1.50 6.10 - 6.29 .31 14.10 - 14.29 .71 22.10 - 22.29 1.11 30.10 - 30.29 1.51 6.50 - 6.69 .32 14.30 - 14.49 .72 22.30 - 22.49 1.12 30.30 - 30.49 1.52 6.50 - 6.69 .33 14.50 - 14.69 .73 22.50 - 22.69 1.13 30.50 - 30.69 1.53 6.70 - 6.89 .34 14.70 - 14.89 .74 22.70 - 22.89 1.14 30.70 - 30.89 1.54 6.90 - 7.09 .35 14.90 - 15.09 .75 22.90 - 23.09 1.15 30.90 - 31.09 1.55	4.90 - 5.09	.25	12.90 - 13.09	.65	20.90 - 21.09	1.05	28.90 - 29.09	1.45
5.50 - 5.69 .28 13.50 - 13.69 .68 21.50 - 21.69 1.08 29.50 - 29.69 1.48 5.70 - 5.89 .29 13.70 - 13.89 .69 21.70 - 21.89 1.09 29.70 - 29.89 1.49 5.90 - 6.09 .30 13.90 - 14.09 .70 21.90 - 22.09 1.10 29.90 - 30.09 1.50 6.10 - 6.29 .31 14.10 - 14.29 .71 22.10 - 22.29 1.11 30.10 - 30.29 1.51 6.30 - 6.49 .32 14.30 - 14.49 .72 22.30 - 22.49 1.12 30.30 - 30.49 1.52 6.50 - 6.69 .33 14.50 - 14.69 .73 22.50 - 22.69 1.13 30.50 - 30.69 1.53 6.70 - 6.89 .34 14.70 - 14.89 .74 22.70 - 22.89 1.14 30.70 - 30.89 1.54 6.90 - 7.09 .35 14.90 - 15.09 .75 22.90 - 23.09 1.15 30.90 - 31.09 1.55 7.10 - 7.29 .36 15.10 - 15.29 .76 23.10 - 23.29 1.16 31.10 - 31.29 1.56	5.10 - 5.29	.26	13.10 - 13.29	.66	21.10 - 21.29	1.06	29.10 - 29.29	1.46
5.70 - 5.89 .29 13.70 - 13.89 .69 21.70 - 21.89 1.09 29.70 - 29.89 1.49 5.90 - 6.09 .30 13.90 - 14.09 .70 21.90 - 22.09 1.10 29.90 - 30.09 1.50 6.10 - 6.29 .31 14.10 - 14.29 .71 22.10 - 22.29 1.11 30.10 - 30.29 1.51 6.30 - 6.49 .32 14.30 - 14.49 .72 22.30 - 22.49 1.12 30.30 - 30.49 1.52 6.50 - 6.69 .33 14.50 - 14.69 .73 22.50 - 22.69 1.13 30.50 - 30.69 1.53 6.70 - 6.89 .34 14.70 - 14.89 .74 22.70 - 22.89 1.14 30.70 - 30.89 1.54 6.90 - 7.09 .35 14.90 - 15.09 .75 22.90 - 23.09 1.15 30.90 - 31.09 1.55 7.10 - 7.29 .36 15.10 - 15.29 .76 23.10 - 23.29 1.16 31.10 - 31.29 1.56 7.30 - 7.49 .37 15.30 - 15.69 .78 23.50 - 23.69 1.18 31.50 - 31.69 1.58	5.30 - 5.49	.27	13.30 - 13.49	.67	21.30 - 21.49	1.07	29.30 - 29.49	1.47
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	5.50 - 5.69	.28	13.50 - 13.69	.68	21.50 - 21.69	1.08	29.50 - 29.69	1.48
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	5.70 - 5.89	.29	13.70 - 13.89	.69	21.70 - 21.89	1.09	29.70 - 29.89	1.49
6.30 - 6.49 .32 14.30 - 14.49 .72 22.30 - 22.49 1.12 30.30 - 30.49 1.52 6.50 - 6.69 .33 14.50 - 14.69 .73 22.50 - 22.69 1.13 30.50 - 30.69 1.53 6.70 - 6.89 .34 14.70 - 14.89 .74 22.70 - 22.89 1.14 30.70 - 30.89 1.54 6.90 - 7.09 .35 14.90 - 15.09 .75 22.90 - 23.09 1.15 30.90 - 31.09 1.55 7.10 - 7.29 .36 15.10 - 15.29 .76 23.10 - 23.29 1.16 31.10 - 31.29 1.56 7.30 - 7.49 .37 15.30 - 15.49 .77 23.30 - 23.49 1.17 31.30 - 31.49 1.57 7.50 - 7.69 .38 15.50 - 15.69 .78 23.50 - 23.69 1.18 31.50 - 31.69 1.58 7.70 - 7.89 .39 15.70 - 15.89 .79 23.70 - 23.89 1.19 31.70 - 31.89 1.59	5.90 - 6.09	.30	13.90 - 14.09	.70	21.90 - 22.09	1.10	29.90 - 30.09	1.50
6.50 - 6.69 .33 14.50 - 14.69 .73 22.50 - 22.69 1.13 30.50 - 30.69 1.53 6.70 - 6.89 .34 14.70 - 14.89 .74 22.70 - 22.89 1.14 30.70 - 30.89 1.54 6.90 - 7.09 .35 14.90 - 15.09 .75 22.90 - 23.09 1.15 30.90 - 31.09 1.55 7.10 - 7.29 .36 15.10 - 15.29 .76 23.10 - 23.29 1.16 31.10 - 31.29 1.56 7.30 - 7.49 .37 15.30 - 15.49 .77 23.30 - 23.49 1.17 31.30 - 31.49 1.57 7.50 - 7.69 .38 15.50 - 15.69 .78 23.50 - 23.69 1.18 31.50 - 31.69 1.58 7.70 - 7.89 .39 15.70 - 15.89 .79 23.70 - 23.89 1.19 31.70 - 31.89 1.59	6.10 - 6.29	.31	14.10 - 14.29	.71	22.10 - 22.29	1.11	30.10 - 30.29	1.51
6.70 - 6.89 .34 14.70 - 14.89 .74 22.70 - 22.89 1.14 30.70 - 30.89 1.54 6.90 - 7.09 .35 14.90 - 15.09 .75 22.90 - 23.09 1.15 30.90 - 31.09 1.55 7.10 - 7.29 .36 15.10 - 15.29 .76 23.10 - 23.29 1.16 31.10 - 31.29 1.56 7.30 - 7.49 .37 15.30 - 15.49 .77 23.30 - 23.49 1.17 31.30 - 31.49 1.57 7.50 - 7.69 .38 15.50 - 15.69 .78 23.50 - 23.69 1.18 31.50 - 31.69 1.58 7.70 - 7.89 .39 15.70 - 15.89 .79 23.70 - 23.89 1.19 31.70 - 31.89 1.59	6.30 - 6.49	.32	14.30 - 14.49	.72	22.30 - 22.49	1.12	30.30 - 30.49	1.52
6.90 - 7.09 .35 14.90 - 15.09 .75 22.90 - 23.09 1.15 30.90 - 31.09 1.55 7.10 - 7.29 .36 15.10 - 15.29 .76 23.10 - 23.29 1.16 31.10 - 31.29 1.56 7.30 - 7.49 .37 15.30 - 15.49 .77 23.30 - 23.49 1.17 31.30 - 31.49 1.57 7.50 - 7.69 .38 15.50 - 15.69 .78 23.50 - 23.69 1.18 31.50 - 31.69 1.58 7.70 - 7.89 .39 15.70 - 15.89 .79 23.70 - 23.89 1.19 31.70 - 31.89 1.59	6.50 - 6.69	.33	14.50 - 14.69	.73	22.50 - 22.69	1.13	30.50 - 30.69	1.53
7.10 - 7.29 .36 15.10 - 15.29 .76 23.10 - 23.29 1.16 31.10 - 31.29 1.56 7.30 - 7.49 .37 15.30 - 15.49 .77 23.30 - 23.49 1.17 31.30 - 31.49 1.57 7.50 - 7.69 .38 15.50 - 15.69 .78 23.50 - 23.69 1.18 31.50 - 31.69 1.58 7.70 - 7.89 .39 15.70 - 15.89 .79 23.70 - 23.89 1.19 31.70 - 31.89 1.59	6.70 - 6.89	.34	14.70 - 14.89	.74	22.70 - 22.89	1.14	30.70 - 30.89	1.54
7.30 - 7.49 .37 15.30 - 15.49 .77 23.30 - 23.49 1.17 31.30 - 31.49 1.57 7.50 - 7.69 .38 15.50 - 15.69 .78 23.50 - 23.69 1.18 31.50 - 31.69 1.58 7.70 - 7.89 .39 15.70 - 15.89 .79 23.70 - 23.89 1.19 31.70 - 31.89 1.59	6.90 - 7.09	.35	14.90 - 15.09	.75	22.90 - 23.09	1.15	30.90 - 31.09	1.55
7.50 - 7.69 .38 15.50 - 15.69 .78 23.50 - 23.69 1.18 31.50 - 31.69 1.58 7.70 - 7.89 .39 15.70 - 15.89 .79 23.70 - 23.89 1.19 31.70 - 31.89 1.59	7.10 – 7.29	.36	15.10 - 15.29	.76	23.10 - 23.29	1.16	31.10 - 31.29	1.56
7.70 - 7.89 .39 15.70 - 15.89 .79 23.70 - 23.89 1.19 31.70 - 31.89 1.59	7.30 - 7.49	.37	15.30 - 15.49	.77	23.30 - 23.49	1.17	31.30 - 31.49	1.57
	7.50 - 7.69	.38	15.50 - 15.69	.78	23.50 - 23.69	1.18	31.50 - 31.69	1.58
7.90 - 8.09 .40 15.90 - 16.09 .80 23.90 - 24.09 1.20 31.90 - 32.09 1.60	7.70 - 7.89	.39	15.70 - 15.89	.79	23.70 - 23.89	1.19	31.70 - 31.89	1.59
	7.90 - 8.09	.40	15.90 - 16.09	.80	23.90 - 24.09	1.20	31.90 - 32.09	1.60

To calculate the sales tax on any amount over \$32.09, multiply the purchase price by .05 and round off to the nearest cent.

THE TAX MUST BE COMPUTED ON THE TOTAL SALE (WITH THE EXCEPTION OF INDIVIDUAL CLOTHING ITEMS OVER \$175) AND NOT ON PRICES OF INDIVIDUAL ITEMS INCLUDED IN THE SALE.

Department of Revenue

Toll-free in Massachusetts: **1-800-392-6089** Online: www.mass.gov/dor